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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-33490.1

First Named Inventor or Application Identifier

Male, Barry

Title

INTEGRATED THERMAL DIFFERENCE SENSOR FOR POWER
DISSIPATING DEVICE

Express Mail Label No.

EL547742812US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)2. ☒ Specification [Total 12]
Pages

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description

- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC d113) [Total 4]
Sheets4. Oath or Declaration [Total Pages 3]

- a. ☐ Newly Executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §1.63(d)(2) and 1.33(b).5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of
the oath or declaration is supplied under Box 4b, is considered as
being part of the disclosure of the accompanying application and is
hereby incorporated by reference therein.6. ☐ Microfiche Computer Program (Appendix)7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identical of above copies

**ACCOMPANYING APPLICATION
PARTS**8. ☐ Assignment Papers (cover sheet & Documents(s))9. ☐ 37 CFR §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney10. ☐ English Translation Document (if applicable)11. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations12. ☒ Preliminary Amendment13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)14. ☐ Small Entity ☐ Statement filed in prior
Statement(s) application
(PTO/SB/09-12) Status still proper and desired15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. ☐ Other:* A new statement is required to be entitled to pay small entity fees, except
where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 10/014,988

Prior application information: Examiner Tran, Mai Huong C.

Group / Art Unit: 2818

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

023494

(Insert Customer No. or Attach bar code label
here)

Correspondence address below

NAME	W. Daniel Swayze, Jr.		
	Texas Instruments Incorporate		
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	M/S 3999		
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Name (Print/Type)	W. Daniel Swayze, Jr.	Registration No. (Attorney/Agent)	34,478
Signature	2-13-2004		

TI-33490.1

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.
 Express Mailing Label No.:

Complete If Known

Application Number	TBD
Filing Date	2/17/2004
First Named Inventor	Barry J. Male
Examiner Name	TBD
Group Art Unit	TBD
Attorney Docket No.	33490.1

TOTAL AMOUNT OF PAYMENT (\$) 770

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 20-0668
- Deposit Account Name: Texas Instruments Incorporated
- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	205	65	Surcharge - late filing fee of oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	
1252	400	216	195	Extension for reply within second month	
1253	920	217	445	Extension for reply within third month	
1254	1,440	218	695	Extension for reply within fourth month	
1255	1,960	228	945	Extension for reply within fifth month	
1401	320	219	155	Notice of Appeal	
1402	320	220	155	Filing a brief in support of an appeal	
1403	280	221	135	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavoidable	
1453	1,280	241	620	Petition to revive - unintentional	
1501	1,280	242	620	Utility issue fee (or reissue)	
1502	460	243	220	Design issue fee	
1503	620	244	300	Plant issue fee	
1460	130	122	130	Petitions to the Commissioner	
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))	
1806	180	126	180	Submission of information Disclosure Stmt	
8021	40	581	40	Recording each patent assignment per property (times no. of properties)	
1809	740	246	355	Filing a submission after final rejection (37 CFR §1.129(a))	
1810	740	249	355	For each additional invention to be examined (37 CFR §1.129(b))	
1801	740	279	355	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
1001	770	201	355	Utility filing fee	\$ 770
1002	330	206	160	Design filing fee	
1003	510	207	245	Plant filing fee	
1004	740	208	355	Reissue filing fee	
1005	160	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$) 750

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims: 5	-20** = X	18
Independent Claims: 1	-3** = X	86
Multiple Dependent		270

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
1202	18	203	9	Claims in excess of 20	
1201	84	202	40	Independent claims in excess of 3	
1203	280	204	135	Multiple dependent claim, if not paid	
1204	84	209	40	**Reissue independent claims over original patent	
1205	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 0

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY

Name (Print/Type): W. Daniel Swayze, Jr.

Signature: *[Signature]*

Registration No. (Attorney/Agent): 34,478

Telephone: (972) 917-5633

Date: 2-17-2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
 Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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